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THE UNITED STATES OF AMERICA

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United States Patent and Trademark Office

March 15, 2005

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APPLICATION NUMBER: 60/546,792

FILING DATE: February 23, 2004

RELATED PCT APPLICATION NUMBER: PCT/US05/05510



Certified by

Under Secretary of Commerce
for Intellectual Property
and Director of the United States
Patent and Trademark Office

022304
17681 U.S. PTO

Docket No.: 59616US002

Transmittal of Provisional Application

Mail Stop Provisional Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Inventor(s): Gordon L. Anderson, Hudson, Wisconsin

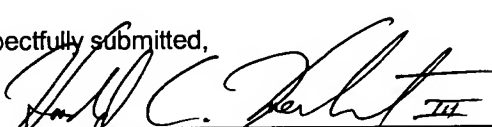
Title: LOCATING TOOL FOR BLACK OUT FILM

22151 U.S. PTO
60/546792
022304

1. ☒ Enclosed is the above-identified new provisional application for patent under 35 USC § 111(b)(1). It includes:
 1 Pages of Text
 7 Sheets of Drawings
2. ☐ Enclosed is an executed Assignment to 3M Innovative Properties Company and a completed Assignment Recordation Cover Sheet.
3. ☐ This invention was made under a contract with an agency of the U.S. Government:
 Agency: _____
 Contract No. _____
4. ☒ Correspondence Address: Harold C. Knecht III
 Office of Intellectual Property Counsel
 3M Innovative Properties Company
 P.O. Box 33427
 St. Paul, Minnesota 55133-3427
5. ☒ Please charge the \$160.00 filing fee under 37 CFR § 1.16(k) to Deposit Account No. 13-3723. One copy of this sheet marked duplicate is also enclosed.
6. ☒ Please charge to Deposit Account No. 13-3723 any fees under 37 CFR §§ 1.16 and 1.17, which may be required to file and during the entire pendency of this application. This authorization includes the fee for any necessary extension of time under 37 CFR § 1.136(a). To the extent any such extension should become necessary, it is hereby requested.
7. ☒ Enclosed is a return receipt postcard.

Respectfully submitted,

February 23, 2004
Date

By: 
Harold C. Knecht III, Reg. No.: 35,576
Telephone No.: (651) 575-1056

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: (651) 736-3833

Filing of Papers and Fees by Express Mailing

Pursuant to 37 CFR § 1.10, this application and the documents and fees listed on this transmittal letter are being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date of Deposit

February 23, 2004

Theresa C. Jo

Express Mail Label No.

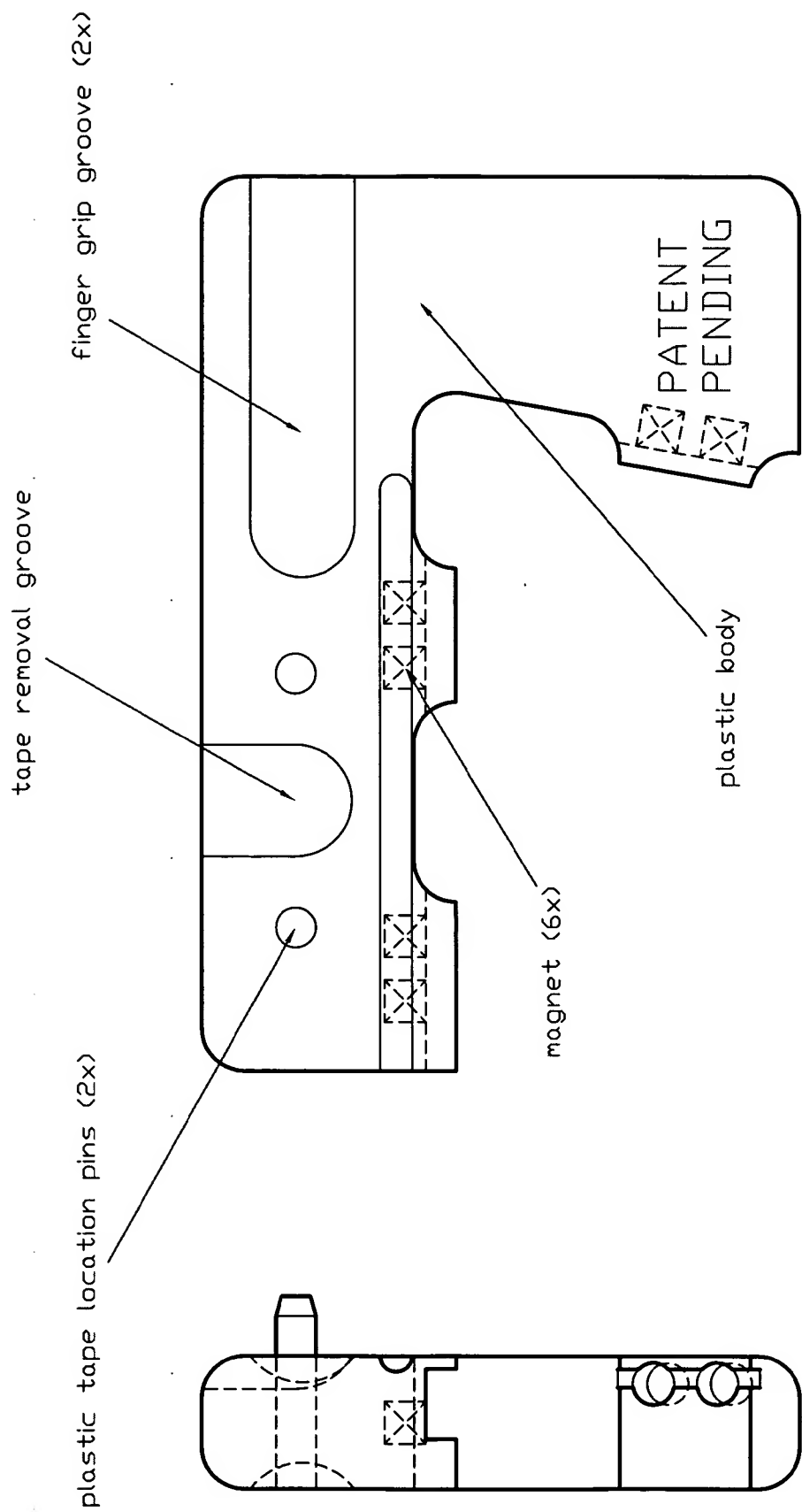
EL981526964US

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32692

Tape Location Tool

This tool locates a die cut tape shape on the sash and pillars of automobile doors. The tool has two pins that fit into holes in the tape shape to locate the tape relative to the tool. The tool has six magnets that hold the tool accurately to the door. The tool has a groove that fits the door so that the tool attaches to the door in the same position each time. After the tape is located, the operator removes the tape liner and applies the tape to the door. Each door tool has a contour that allows it to fit to only one door. Four different tools are required for a four door automobile. The tool has a groove and the tape shape has a score line that lies over this groove. The operator breaks the score line at the groove with a squeegee. The tool and the tab of tape above the score line are then removed from the door and the edges of the tape are wrapped around the edges of the sash by hand or with a squeegee. This completes the tape application.



D219 MAG ALIGN TOOL

Matl = white Delrin

Scale = 1:1

JHP 2/16/2004

(for left front door)

R6.35mm
[R0.250in]
typical

89.63mm
[3.529in]

51.63mm
[2.033in]

57.98mm
[2.283in]

102.81mm
[4.048in]

57.98mm
[2.283in]

91.09mm
[3.586in]

25.35mm
[0.998in]

55.35mm
[2.179in]

75.35mm
[2.967in]

27.02mm
[1.064in]

7.32mm
[0.288in]

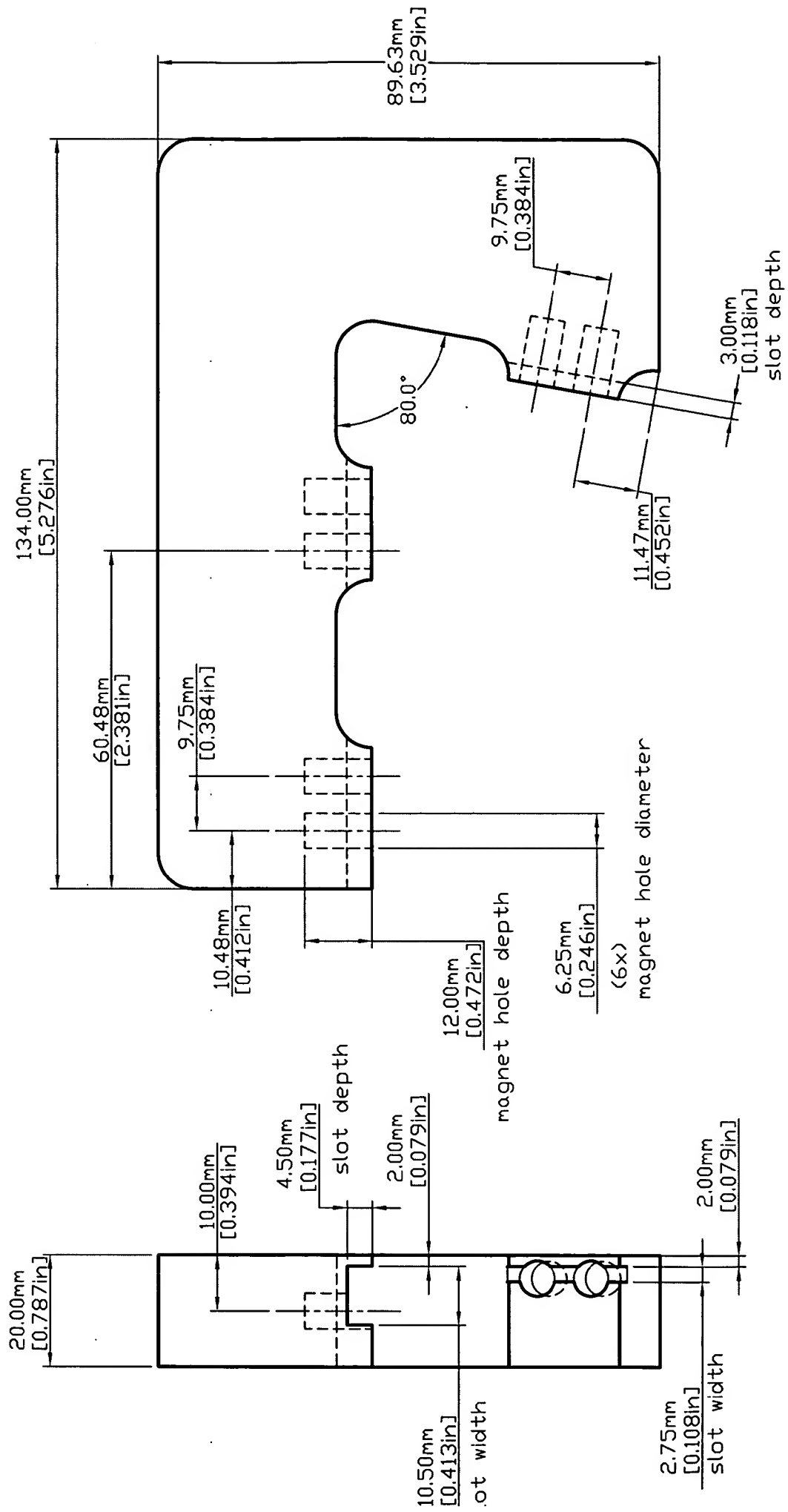
87.61mm
[3.449in]

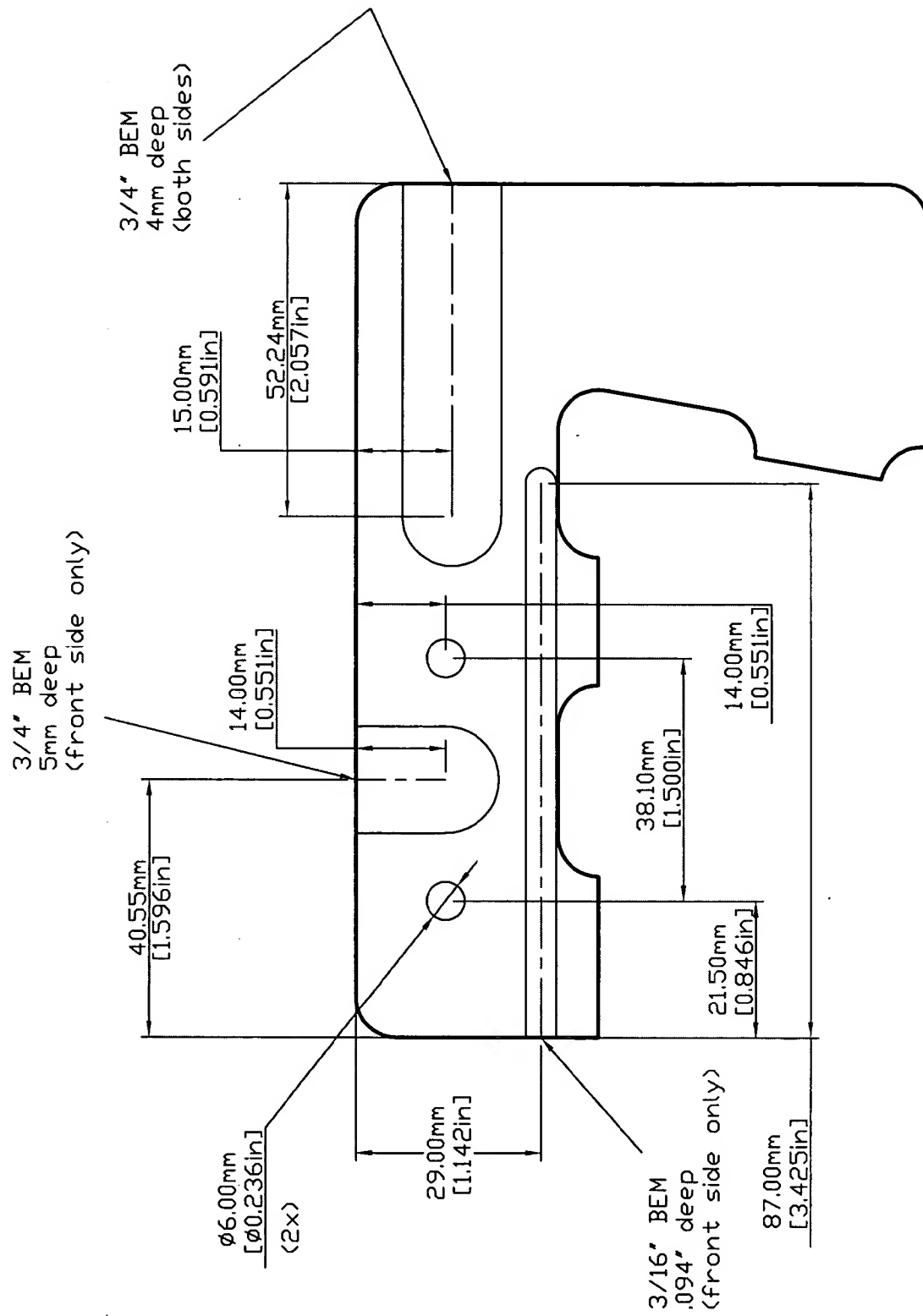
92.59mm
[3.645in]

134.00mm
[5.276in]

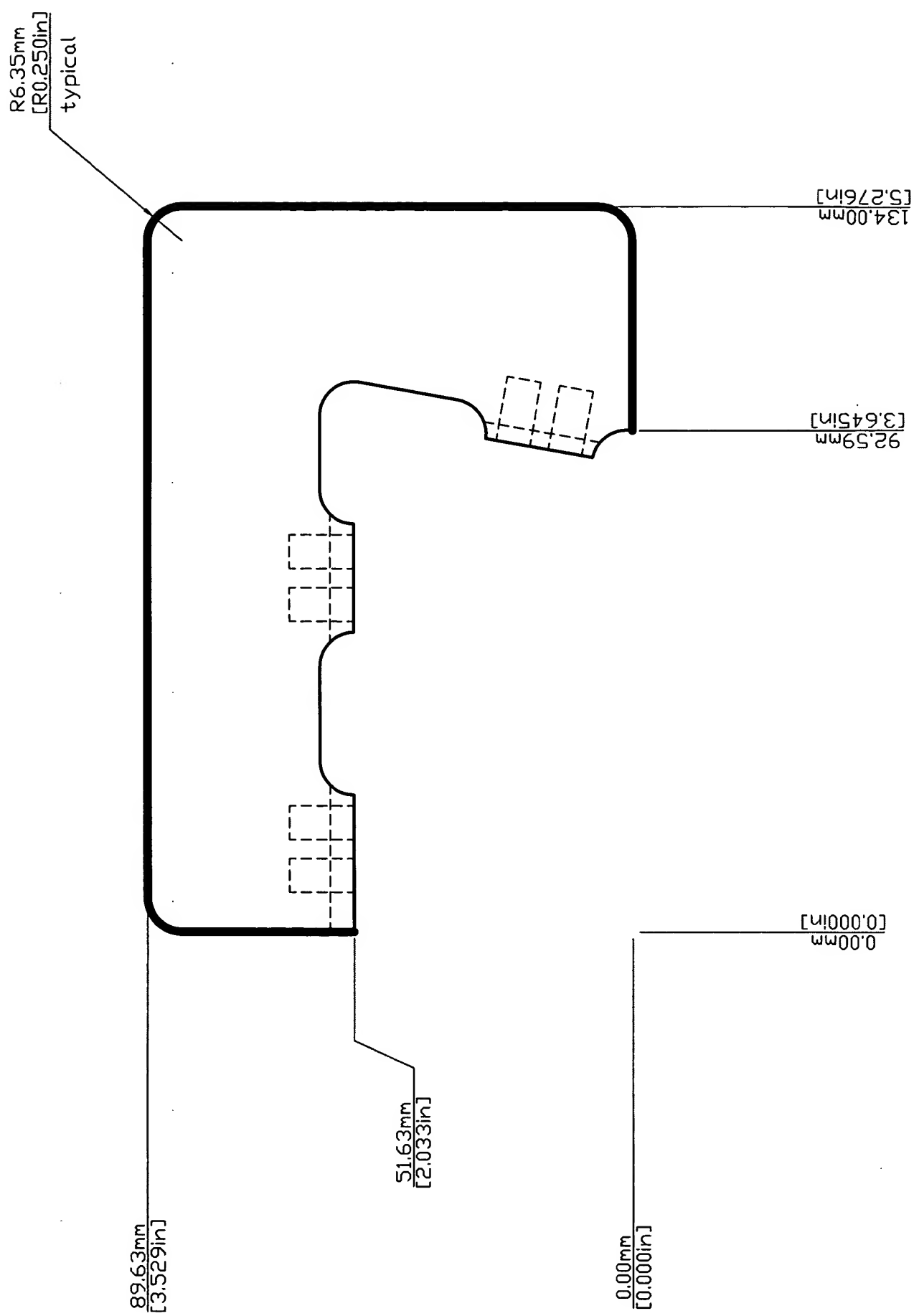
0.00mm
[0.000in]

0.00mm
[0.000in]





Use 1/4" Radius Cutter on bold edges
(both sides)



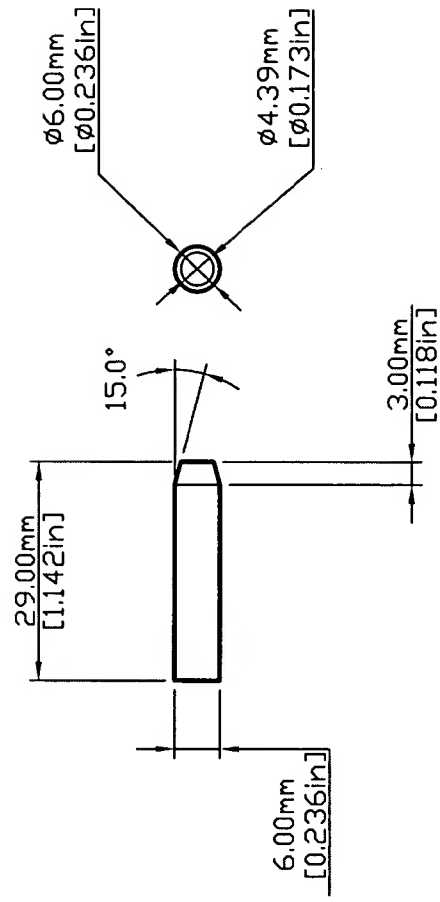
D219 MAG ALIGN PINS

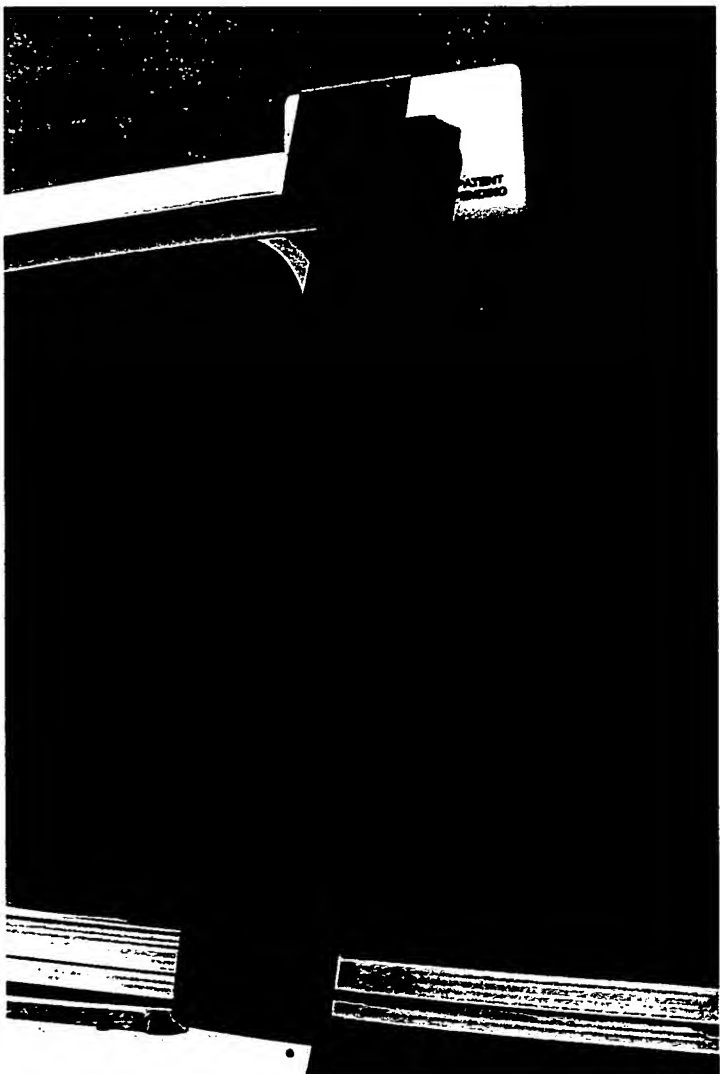
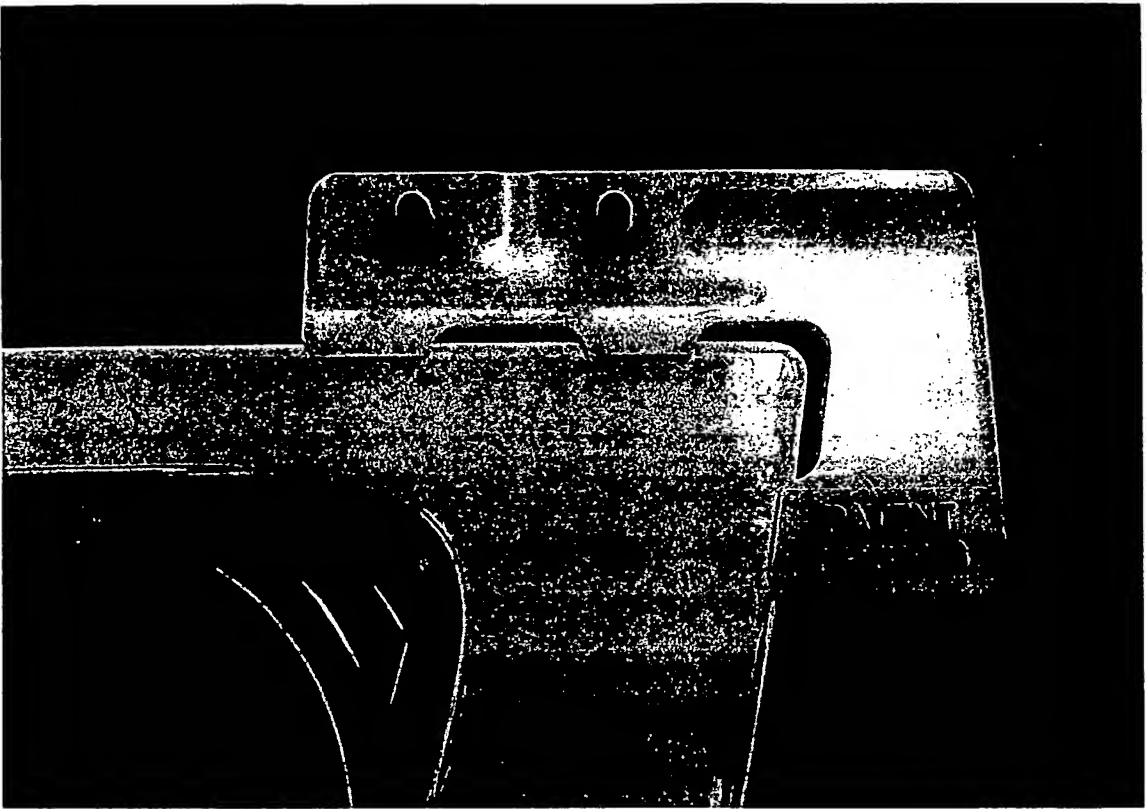
Two needed per tool

Matl = black Delrin

Scale = 1:1

JHP 2/16/2004





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